Canon HD Camcorder LEGRIA HF R16
Specification Sheet

Video System	
Recording Medium	Dual Flash Memory (8Gb internal + SDHC card slot) with Relay Recording (internal memory to card)
Max Recording Time	Variable total, depending on memory card size[5] Internal memory: 3hrs 00mins[1], [7] 32Gb SDHC card: 12hrs 15mins[1]
CCD	
Type	1/5.5 type CMOS
Total pixels	2.39 megapixel
Effective Pixels: Movie	1.56 megapixels
Effective Pixels: Still	1.73 megapixels (4:3 mode)
Filter	RGB Primary Colour Filter
Lens	
Optical Zoom	20x
Digital Zoom	400x / 80x (selectable)
Digital Tele-converter	NO
Focal length	3.0-60.0mm
35mm Equivalent Focal Length	MOVIE: Approx 40-800 mm STILL: Approx 40.2-804 mm
Maximum aperture	f1.8 to f3.6
Minimum focusing distance	10mm
Image Stabilizer	Dynamic Electronic Image Stabilizer
Filter diameter	N/A
Wide Attachment	NO
Image Processor	
Image Processor	DIGIC DV III
Face Detection Technology	YES
LCD	
Screen size	6.7cm (2.7") widescreen colour LCD
Pixels	112,000 pixels
Touch-screen LCD	NO
Manual adjustment	Brightness, backlight
Temporary Underscan	NO
Viewfinder	
Screen size	N/A
Pixels	N/A
Minimum illumination	
Minimum Lux.	Approx. 0.4 lux (Low Light Mode)
Night Mode	YES
Auto Gain Control limit adjustment	NO
Focus	
Auto/Manual	YES / YES
Control	AUTO: Face Priority AF/Instant AF/TV AF MANUAL: Joystick
Manual Focus Assist	YES (Magnification, Face Assist)
AE Mode	
Smart AUTO	YES (31 scene)
Program AE	12 AUTO, P, CINE, Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks
Zebra	NO
Backlight Compensation	

Backlight Compensation	YES
White balance	
Type	TTL
Auto	YES
Set/Preset	YES (Daylight, Tungsten)
Shutter speed	
Maximum	1/2000th sec.
Slow	1/2 sec.
Digital Effect	
Fade	Auto Fade , Wipe
Effect	Black & White, Sepia
Image Quality Adjustment	
Image Effects	Vivid, Neutral, Low Sharpening, Soft, Skin Detail
Custom Functions	NO
Custom Key	
Custom Key	NO
Still Image	
Capture image size	1920 x 1080, 1600 x 1200, 640 x 480
Continuous shooting mode	NO
Auto Exposure Bracketing	NO
Simultaneous Photo Recording	NO
Selecting AF Frame Function	YES
Histogram	YES
Photo Button	YES
Photo Burst	YES
Self timer	
Self timer	10 sec
Recording mode	
LP mode	4 recording quality modes.[6] FXP: 1920x1080, 17Mbps;[5] XP+: 1440x1080, 12Mbps; SP: 1440x1080, 7Mbps; LP: 1440x1080, 5Mbps
Extended Recording mode (ELP mode)	-
Progressive shooting mode	YES (25p)
CINE image mode	YES
x.v.Color	YES
Video Snapshot	YES
Dual Shot	YES
Pre REC	YES
Colour Bars and Test Tone	NO
Search	
Still image	NO
Date	YES (date select, calendar, timeline, Face Timeline, Face Jump)
Memory Card	
Multi Media Card	NO
Secure Digital Card	SD / SDHC
Movie Recording	YES
Internal Data Transfer	MOVIE: Yes (internal memory to card) STILLS: Yes (internal memory to card)
Audio	
System	Dolby Digital 2ch (AC-3 2ch)
Manual Rec. level control	YES
Audio Dubbing	NO

Terminal	
Headphone	NO
Microphone	NO
USB	YES (USB 2.0 Hi Speed Out)
DV	NO
Direct Print	YES
Analogue-in	NO
AV	YES
S-video	NO
Component	YES
HDMI	YES (HDMI™ Mini Connector: v1.3, CEC supported)
LANC	NO
Built-in charger	YES
Quick Start	
Quick Start	YES (using LCD screen)
Accessory shoe	
Accessory shoe	NO
Built-in Video light	
Built-in Video light	NO
Built-in Flash	
Built-in Flash	NO
PC Connection kit	
Digital Video Solution Disk	YES (v34)
Application software	YES (PIXELA ImageMixer™ 3 SE, Music Transfer utility)
USB cable	YES
Web	
Easy Web Upload	YES
HD->SD conversion	YES
Wireless controller	
Wireless controller	NO
Battery Pack	
Type	Lithium Ion
Intelligent Battery System	NO
Battery included in the kit	BP-2L5
Max recording time (included battery)	1hr 25mins
Quick Charge	NO
Long life Battery	NB-2LH
Longer recording time[2]	1hr 50mins
Dimensions	
W x H x D	60 x 64 x 124mm
Weight	Approx. 270g

Disclaimers:

[1] LP recording mode

[2] Using EVF (normal LCD brightness if no EVF) and optional long life BP

[5] Class 4 or higher SDHC card required for 1920x1080 recording; Class 2 or higher SDHC card recommended for other recording modes; Memory card not supplied

[6] Variable bit rate used in all recording modes

[7] Recording for more than 13 hours continuously is not possible

Specifications are subject to change without notice.